

PATENT APPLICATION FEE DETERMINATION RECORD
Effective December 8, 2004

09/143554

CLAIMS AS FILED - PART I

| TOTAL CLAIMS | (Column 1) | (Column 2) |
|----------------------------------|--------------|--------------------------|
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | minus 20 = | |
| INDEPENDENT CLAIMS | minus 3 = | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> |

If the difference in column 1 is less than zero, enter "0" in column 2.

CLAIMS AS AMENDED - PART II

| AMENDMENT A | (Column 1) | | (Column 2) | (Column 3) |
|--|---|---|--------------------------|------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | | |
| Total | 56 | Minus | 56 | / |
| Independent | 4 | Minus | 4 | / |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> | |

4/6/07

(Column 1).

| AMENDMENT B | (Column 1) | | (Column 2) | (Column 3) |
|--|---|---|--------------------------|------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | | |
| Total | 56 | Minus | 56 | 0 |
| Independent | 4 | Minus | 4 | 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> | |

(Column 1)

| AMENDMENT C | (Column 1) | | (Column 2) | (Column 3) |
|--|---|---|--------------------------|------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | | |
| Total | Minus | 0 | | |
| Independent | Minus | 0 | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> | |

SMALL ENTITY
TYPE OTHER THAN
OR SMALL ENTITY

| RATE | FEES | RATE | FEES |
|-----------|--------|--------------|--------|
| BASIC FEE | 150.00 | OR BASIC FEE | 300.00 |
| X\$ 25= | | OR X\$50= | |
| X100= | | X200= | |
| +180= | | +360= | |
| TOTAL | | OR TOTAL | |

SMALL ENTITY OTHER THAN
OR SMALL ENTITY

| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
|------------------|------------------------|---------------------|------------------------|
| X\$ 25= | | OR X\$50= | |
| X100= | | X200= | |
| +180= | | +360= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
|------------------|------------------------|---------------------|------------------------|
| X\$ 25= | | OR X\$50= | |
| X100= | | X200= | |
| +180= | | +360= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
|---------|------------------------|-----------|------------------------|
| X\$ 25= | | OR X\$50= | |
| X100= | | X200= | |
| +180= | | +360= | |
| | | | |